

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (CURRENTLY AMENDED) A rack-mounted storage library comprising:

a four-sided rack having an interior and a length with spacings along the length of the rack;

a media element handling assembly;

a first segmented panel ~~segment having an inner surface, the first panel segment being mounted to a first side assembly removably plugged within a spacing of the rack at a first rack length position, such that the inner surface of the first panel segment faces the rack interior~~ the panel assembly having tear-apart first and second panels, each panel having first and second ends, the first ends of the panels being interconnected such that the panels are perpendicular to one another, each panel having an inner surface, wherein the panels are respectively mounted to the first and second sides of the rack at the first rack length position with the inner surfaces of the panels facing the rack interior; and

~~a first set of media element housing cells supported on the inner surfaces surface of the panels first panel segment such that the first set of media element housing cells face the rack interior at the first rack length position;~~

wherein the ~~media element~~ handling assembly is operable for moving through the rack interior to the first rack length position ~~in order~~ to manipulate media elements held by the ~~first set of media element~~ housing cells.

2. (CANCELLED)

3. (CURRENTLY AMENDED) The library of claim 2 ~~further comprising~~ 1 wherein:

~~a third panel segment having an inner surface, the third panel segment being mounted to a third side of the rack at the first rack length position such that the inner surface~~

~~of the third panel segment faces the rack interior~~ the panel assembly further includes a tear-apart third panel having first and second ends, the first end of the third panel being interconnected to the second end of the second panel such that the second and third panels are perpendicular to one another and the first and third panels are parallel to one another, the third panel having an inner surface, wherein the third panel is mounted to the third side of the rack at the first rack length position with the inner surface of the third panel facing the rack interior;
and

a media element player supported on the inner surface of the third panel ~~segment~~ such that the ~~media element~~ player faces the rack interior at the first rack length position;

wherein the ~~media element~~ handling assembly is operable for moving through the rack interior to the first rack length position ~~in order~~ to load media elements held by the ~~first and second sets of media element~~ housing cells into the ~~media element~~ player.

4-5. (CANCELLED)

6. (CURRENTLY AMENDED) The library of claim 1 wherein:

a media element player is supported on the inner surface of the first panel ~~segment~~ such that the ~~media element~~ player faces the rack interior at the first rack length position;

wherein the ~~media element~~ handling assembly is operable for moving through the rack interior to the first rack length position ~~in order~~ to load media elements held by the ~~first set of media element~~ housing cells into the ~~media element~~ player.

7-16. (CANCELLED)

17. (CURRENTLY AMENDED) A rack-mounted storage library comprising:

a four-sided rack having a vertically upright, rectangular form formed by top and bottom rack portions and four legs extending therebetween, the legs being placed at

respective corners of the top and bottom rack portions, the legs forming a rectangular interior within the rack bounded by four rack sides;

a media element handling assembly movably connected to the rack for moving through the rack interior;

a first segmented panel ~~segment having an inner surface, the first panel segment being mounted to one side of~~ assembly removably plugged to the rack at a first rack length position ~~such that the inner surface of the first panel segment faces the rack interior, the first panel assembly having tear-apart first and second panels, each panel having first and second ends, the first ends of the panels being interconnected such that the panels are perpendicular to one another, each panel having an inner surface, wherein the panels are respectively mounted to the first and second sides of the rack at the first rack length position with the inner surfaces of the panels facing the rack interior, the first panel segment assembly being void of hardware for moving the media element handling assembly; and~~

~~a first set of~~ media element housing cells supported on the inner ~~surface~~ surfaces of the ~~first panel segment panels~~ such that the ~~first set of media element~~ housing cells face the rack interior at the first rack length position;

wherein the ~~media element~~ handling assembly moves through the rack interior to move to the first rack length position ~~in order~~ to manipulate media elements held by the ~~first set of media element~~ housing cells.

18-21. (CANCELLED)

22. (CURRENTLY AMENDED) A rack-mounted storage library comprising:

a four-sided rack having an interior and a length, the rack having a door being operable for opening to expose the rack interior along a first side of the rack and being operable for closing to have an inner surface of the door face the rack interior along the first side of the rack;

a media element handling assembly; and

a first set of media element housing cells supported on the inner surface of the door at a first rack length position such that the first set of media element housing cells face the rack interior at the first rack length position when the door is closed;

wherein the media element handling assembly is operable for moving through the rack interior to the first rack length position in order to manipulate media elements held by the first set of media element housing cells.

23. (ORIGINAL) The library of claim 22 further comprising:

a second set of media element housing cells supported on the inner surface of the door at a second rack length position such that the second set of media element housing cells face the rack interior at the second rack length position when the door is closed;

wherein the media element handling assembly is operable for moving through the rack interior to the first and second rack length positions in order to manipulate media elements held by the first and second sets of media element housing cells.

24. (ORIGINAL) The library of claim 23 further comprising:

a media element player supported on the inner surface of the door at a third rack length position such that the media element player faces the rack interior at the third rack length position when the door is closed;

wherein the media element handling assembly is operable for moving through the rack interior to the first, second, and third rack length positions in order to load media elements held by the first and second sets of media element housing cells into the media element player.

25. (ORIGINAL) The library of claim 22 further comprising:

a first panel segment having an inner surface, the first panel segment being mounted to the first side of the rack at a second rack length position such that the inner surface of the first panel segment faces the rack interior; and

a second set of media element housing cells supported on the inner surface of the first panel segment such that the second set of media element housing cells face the rack interior at the second rack length position;

wherein the media element handling assembly is operable for moving through the rack interior to the first and second rack length positions in order to manipulate media elements held by the first and second sets of media element housing cells.

26. (ORIGINAL) The library of claim 25 further comprising:

a second panel segment having an inner surface, the second panel segment being mounted to a second side of the rack at the first rack length position such that the inner surface of the second panel segment faces the rack interior; and

a third set of media element housing cells supported on the inner surface of the second panel segment such that the third set of media element housing cells face the rack interior at the first rack length position;

wherein the media element handling assembly is operable for moving through the rack interior to the first and second rack length positions in order to manipulate media elements held by the first, second, and third sets of media element housing cells.

27. (ORIGINAL) The library of claim 26 further comprising:

a third panel segment having an inner surface, the third panel segment being mounted to a third side of the rack at the first rack length position such that the inner surface of the third panel segment faces the rack interior; and

a media element player supported on the inner surface of the third panel segment such that the media element player faces the rack interior at the first rack length position;

wherein the media element handling assembly is operable for moving through the rack interior to the first and second rack length positions in order to load media elements held by the first, second, and third sets of media element housing cells into the media element player.

28. (CURRENTLY AMENDED) A rack-mounted storage library comprising:

a four-sided rack having an interior, an exterior, and a length, the rack having a cover sheet being operable for hanging over the exterior of the rack along a first side of the rack to have an inner surface of the cover sheet face the rack interior along ~~[[a]]~~ the first side of the rack;

a media element handling assembly; and

a set of media element housing cells supported on the inner surface of the cover sheet at a first rack length position such that the set of media element housing cells face the rack interior at the first rack length position when the cover sheet is hung over the rack along the first side of the rack;

wherein the media element handling assembly is operable for moving through the rack interior to the first rack length position in order to manipulate media elements held by the media element housing cells.

29. (NEW) The library of claim 1 further comprising:

a second segmented panel assembly removably plugged within a spacing of the rack at a second rack length position, the second panel assembly having tear-apart first and second panels each having first and second ends with the first ends being interconnected such that the panels of the second panel assembly are perpendicular to one another, each panel of the second panel assembly having an inner surface, wherein the panels of the second panel assembly are respectively mounted to the first and second sides of the rack at the second rack length position with the inner surfaces of the panels of the second panel assembly facing the rack interior;

media element housing cells supported on the inner surface of the panels of the second panel assembly such that the housing cells face the rack interior at the second rack length position;

wherein the handling assembly is operable for moving through the rack interior to the second rack length position to manipulate media elements held by the housing cells.

30. (NEW) The library of claim 29 wherein:

the first and second rack length positions are adjacent to one another such that the first and second panel assemblies are adjacent to one another within the rack without touching one another, wherein the rack supports the weight of the panel assemblies without either panel assembly supporting the weight of the other panel assembly.

31. (NEW) The library of claim 17 further comprising:

a second segmented panel assembly removably plugged to the rack at a second rack length position, the second panel assembly having tear-apart first and second panels each having first and second ends with the first ends being interconnected such that the panels of the second panel assembly are perpendicular to one another, each panel of the second panel assembly having an inner surface, wherein the panels of the second panel assembly are respectively mounted to the first and second sides of the rack at the second rack length position with the inner surfaces of the panels of the second panel assembly facing the rack interior;

media element housing cells supported on the inner surface of the panels of the second panel assembly such that the housing cells face the rack interior at the second rack length position;

wherein the handling assembly is operable for moving through the rack interior to the second rack length position to manipulate media elements held by the housing cells.

32. (NEW) The library of claim 31 wherein:

the first and second rack length positions are adjacent to one another such that the first and second panel assemblies are adjacent to one another without touching one another, wherein the rack supports the weight of the panel assemblies without either panel assembly supporting the weight of the other panel assembly.